

1. Given the following diagram, list all the possible ratios and ratio sentences about these suns and bolts.



2. Why does order matter in a ratio? Support your answer with an example.

3. Write each ratio in simplest form.

a. 9:27

b. 12 to 8

c. 6 : 50

d. 3 : 8

e. 3 to 12

f. 70 out of 125

g. 6 : 10

h. $\frac{98}{100}$